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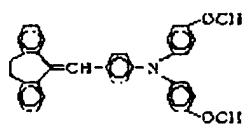
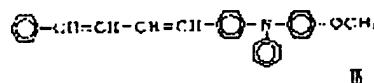
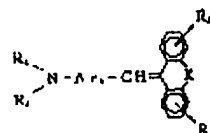
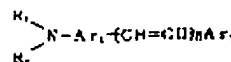
## (54) ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PURPOSE: To obtain an electroluminescent element capable of giving luminescence with high luminance over a long period of time even with a low driving voltage by putting an organic compound layer consisting of a specified luminescent material between an anode and a cathode.

CONSTITUTION: A luminescent material shown by formula I (wherein R1 and R2 are each alkyl, a carbocyclic aromatic ring, a heterocyclic aromatic rings, etc.; Ar1 and Ar2 are each a carbocyclic aromatic ring, a heterocyclic aromatic ring, etc.; and (n) is 1, 2 or 3) or formula II (wherein X is CH<sub>2</sub>CH<sub>2</sub>, CH=CH, O, S, etc.; R1, R2, R3, and R4 are each alkyl, a carbocyclic aromatic ring, a heterocyclic aromatic ring, etc.; Ar1 is a carbocyclic aromatic ring, a heterocyclic aromatic ring, etc.) (e.g. a compound of formula III or IV) is prepared.

An organic compound layer consisting of the luminescent material, if necessary, laminated on an organic compound layer containing other organic compound is put between an anode and a cathode, thus producing an electroluminescent element.



## LEGAL STATUS

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